

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111223\
 Data File : PD079547.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2023 12:54
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/09/2023
 Supervised By : Ankita Jodhani 11/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 20:17:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.568	2.803	29589050	46778209	18.326	20.204
28)	SA Decachlor...	9.116	7.949	37584758	52157800	18.736	21.398
Target Compounds							
2)	A alpha-BHC	4.026	3.306	23935738	35983226	8.991	10.377
3)	MA gamma-BHC...	4.359	3.636	23467819	34425638	9.030	10.138
6)	B beta-BHC	4.552	3.930	11228794	16618003	10.479	11.793
12)	B 4,4'-DDE	6.230	5.268	276005	922415	0.131	0.346 #
14)	MA Endrin	6.614	5.671	83245309	130.6E6	42.742	51.016
16)	A 4,4'-DDD	6.746	5.818	1114056	1742474	0.634	0.763
17)	MA 4,4'-DDT	7.061	6.070	172.1E6	255.6E6	90.899	111.633
18)	B Endrin al...	6.963	6.144	2290420	4674730	1.483	2.514 #
20)	A Methoxychlor	7.535	6.643	224.2E6	328.7E6	204.620	242.111m
21)	B Endrin ke...	7.684	6.871	5645541	8447089	2.589	3.021

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

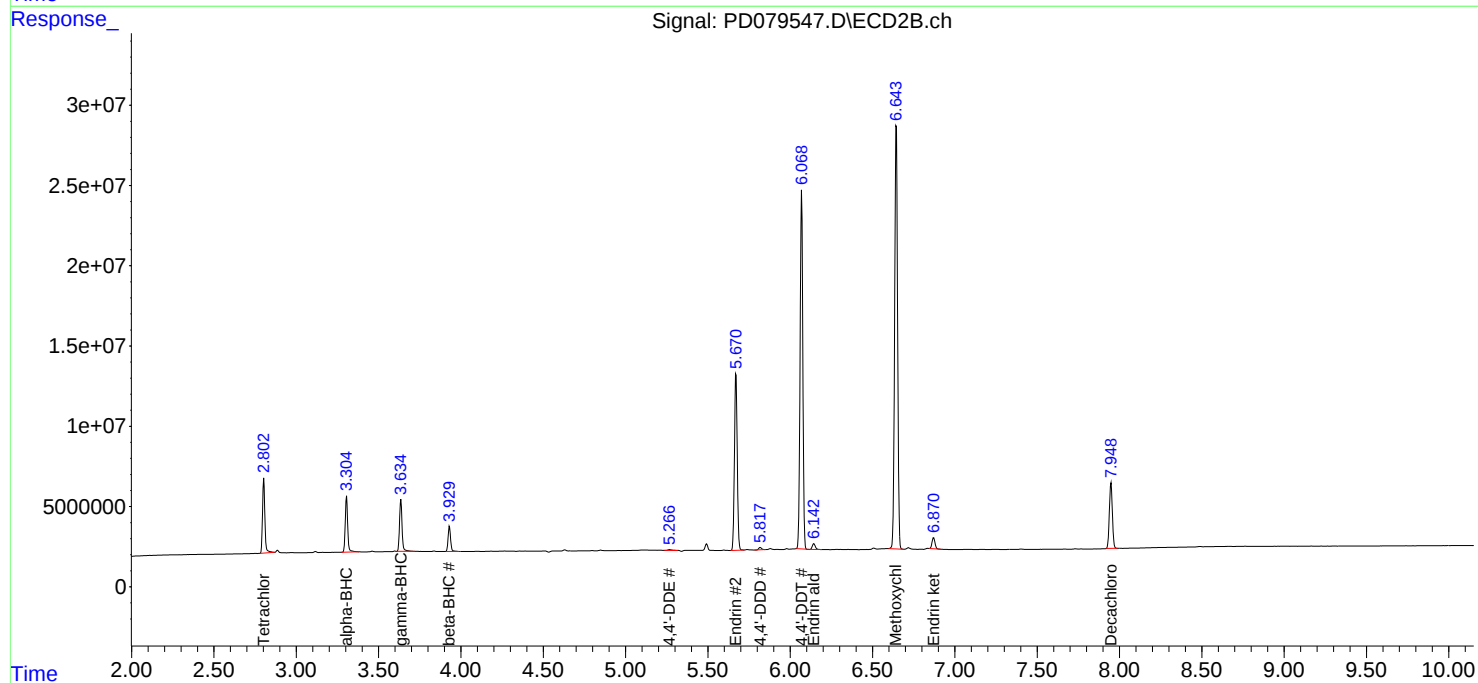
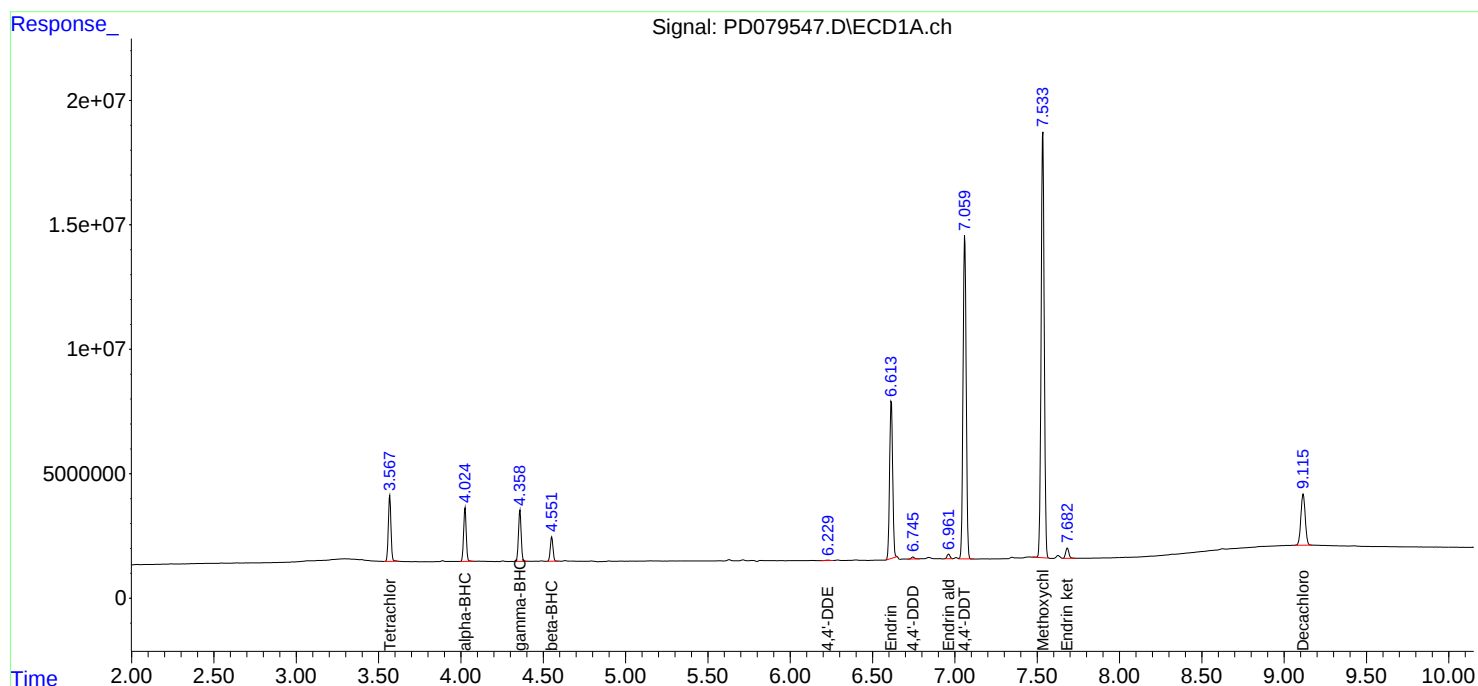
Instrument :
ECD_D
ClientSampleId :
PEM

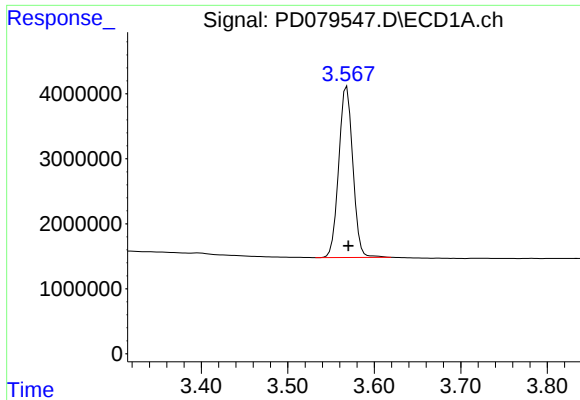
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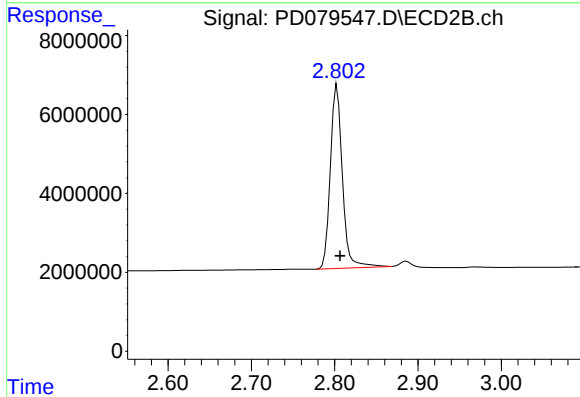
#1 Tetrachloro-m-xylene

R.T.: 3.568 min
Delta R.T.: -0.002 min
Response: 29589050
Conc: 18.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

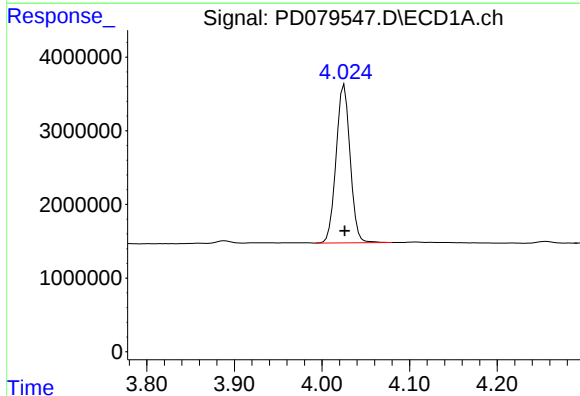
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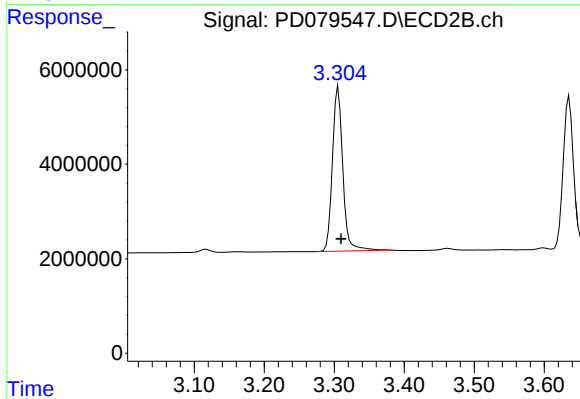
#1 Tetrachloro-m-xylene

R.T.: 2.803 min
Delta R.T.: -0.004 min
Response: 46778209
Conc: 20.20 ng/ml



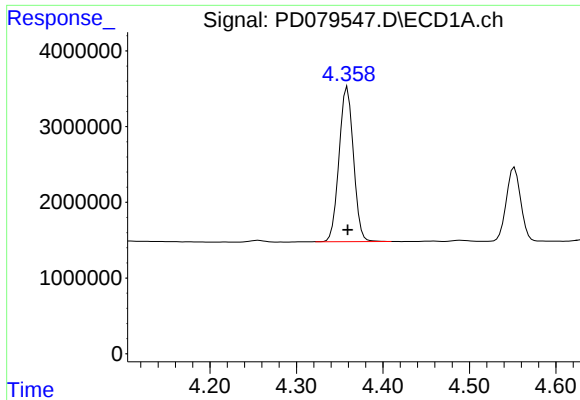
#2 alpha-BHC

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 23935738
Conc: 8.99 ng/ml



#2 alpha-BHC

R.T.: 3.306 min
Delta R.T.: -0.004 min
Response: 35983226
Conc: 10.38 ng/ml



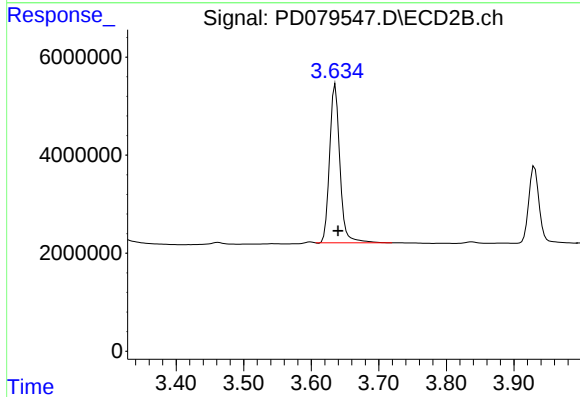
#3 gamma-BHC (Lindane)

R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 23467819
Conc: 9.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

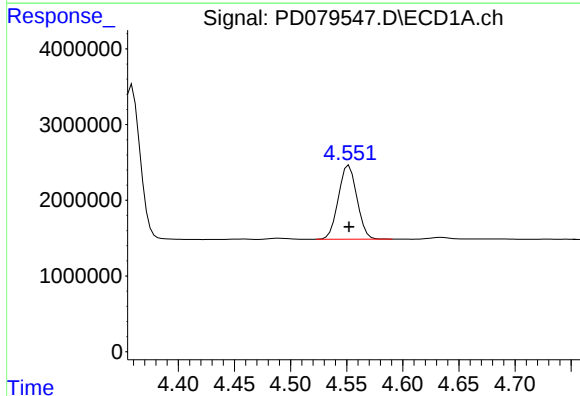
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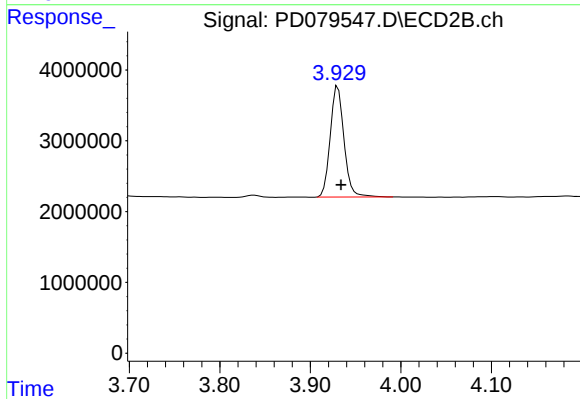
#3 gamma-BHC (Lindane)

R.T.: 3.636 min
Delta R.T.: -0.004 min
Response: 34425638
Conc: 10.14 ng/ml



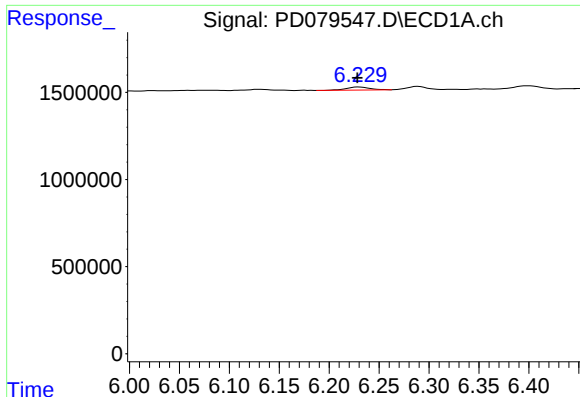
#6 beta-BHC

R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 11228794
Conc: 10.48 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: -0.003 min
Response: 16618003
Conc: 11.79 ng/ml



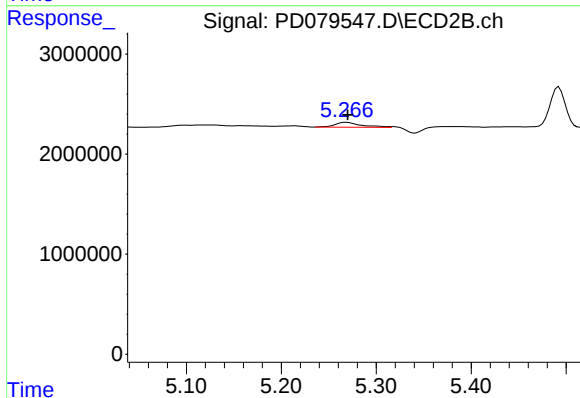
#12 4,4'-DDE

R.T.: 6.230 min
Delta R.T.: 0.002 min
Response: 276005
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

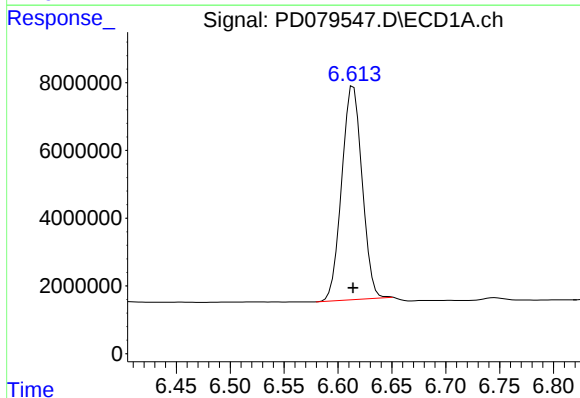
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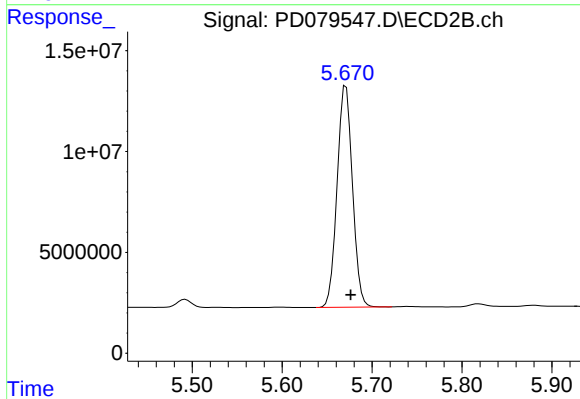
#12 4,4'-DDE

R.T.: 5.268 min
Delta R.T.: -0.002 min
Response: 922415
Conc: 0.35 ng/ml



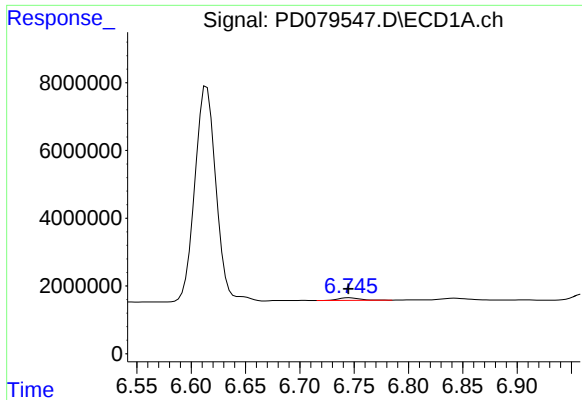
#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 83245309
Conc: 42.74 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: -0.005 min
Response: 130555084
Conc: 51.02 ng/ml



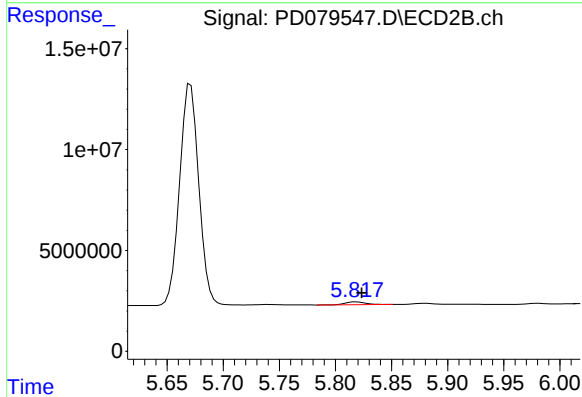
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.001 min
Response: 1114056
Conc: 0.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

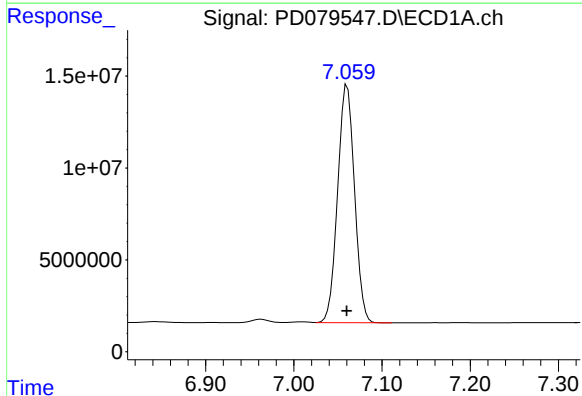
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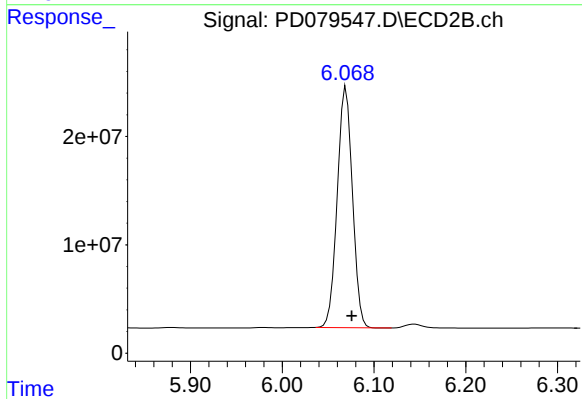
#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: -0.005 min
Response: 1742474
Conc: 0.76 ng/ml



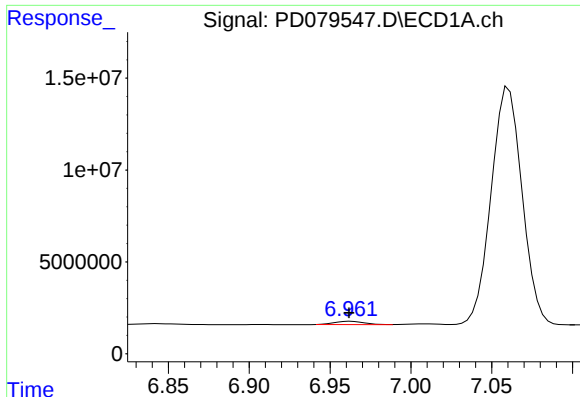
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 172133466
Conc: 90.90 ng/ml



#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: -0.006 min
Response: 255569520
Conc: 111.63 ng/ml



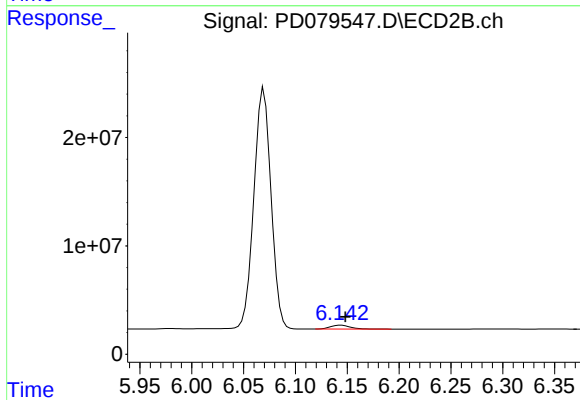
#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: 0.001 min
Response: 2290420
Conc: 1.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

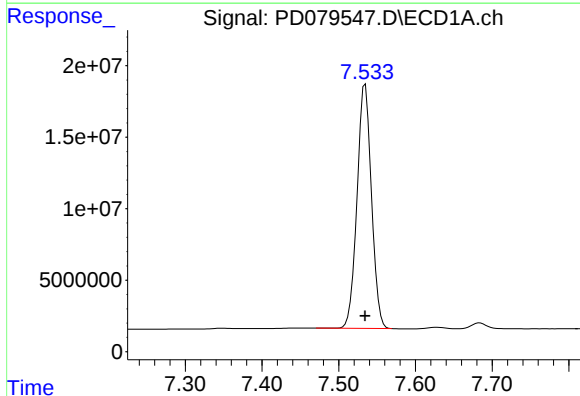
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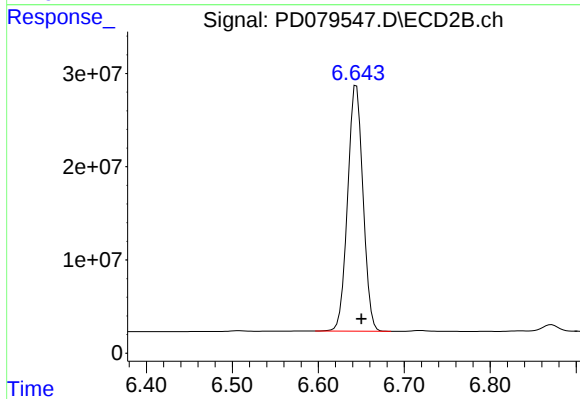
#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: -0.004 min
Response: 4674730
Conc: 2.51 ng/ml



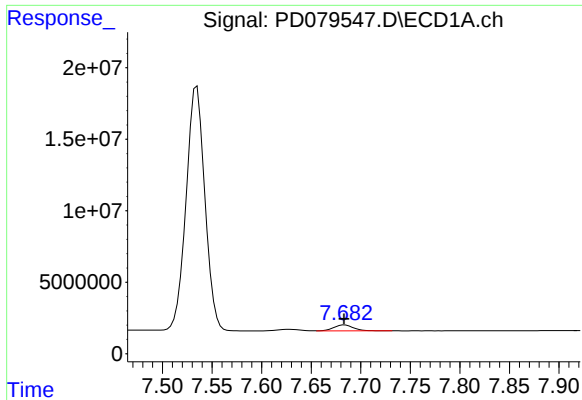
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: 0.000 min
Response: 224218412
Conc: 204.62 ng/ml



#20 Methoxychlor

R.T.: 6.643 min
Delta R.T.: -0.007 min
Response: 328696511
Conc: 242.11 ng/ml m



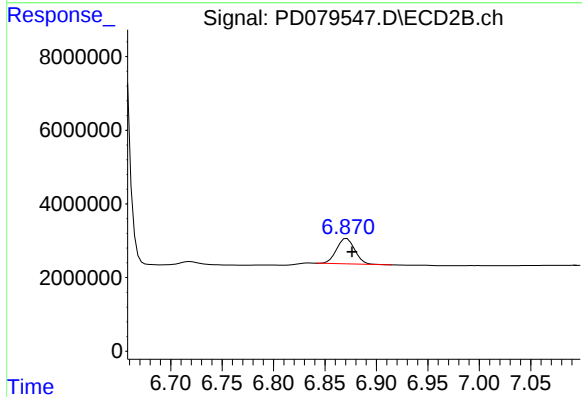
#21 Endrin ketone

R.T.: 7.684 min
Delta R.T.: 0.000 min
Response: 5645541
Conc: 2.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

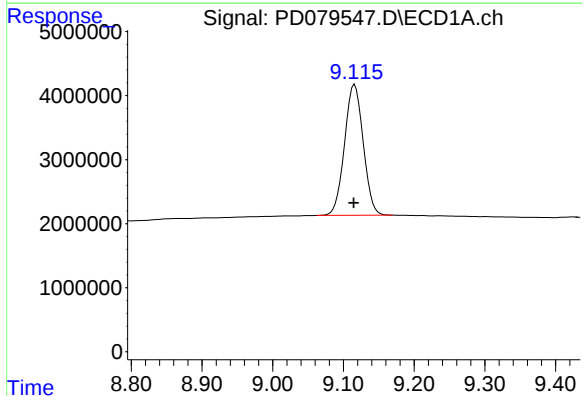
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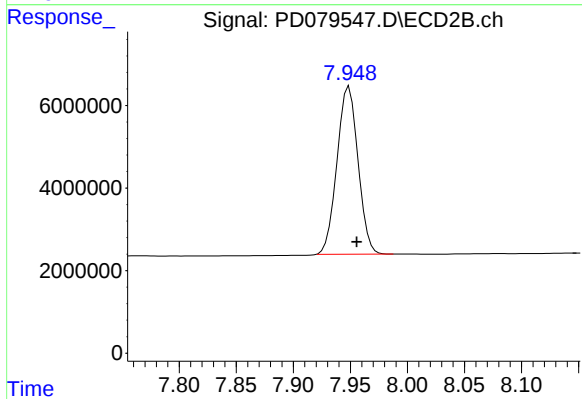
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: -0.005 min
Response: 8447089
Conc: 3.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.001 min
Response: 37584758
Conc: 18.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: -0.007 min
Response: 52157800
Conc: 21.40 ng/ml